



Judith U. Kim Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Jeffrey T. Helvey Heidi L. Kraus Albert L. Ferro\* Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman George S. Bardmesser Daniel A. Klein\* Andrea J. Kamage Tracy L. Muller\* LuAnne M. DeSantis Ann E. Summerfield Tiera S. Coston Aric W. Ledford\* ene C. Carlson othy A. Doyle\* Gaby L. Longsworth

Nicole D. Dretar Ted J. Ebersole Jyoti C. lyer\* Laura A. Vogel

Registered Patent Agents 
Karen R. Markowicz Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Aaron L. Schwartz Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Michalla K. Halaybak

Robert H. DeSetms Simon J. Elliott Julie A. Heider Mita Mukherjee Scott M. Woodhouse Michael G. Penn Christopher J. Walsh

Admitted only in Maryland Admitted only in Virginia Practice Limited to Federal Agencies

December 3, 2004

WRITER'S DIRECT NUMBER: (202) 772-8855 INTERNET ADDRESS: HOLOUBEK@SKGF.COM

Art Unit 2851

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Non-Provisional Patent Application

Application No. 09/841,187; Filed: April 25, 2001

For: Method and System for Improving Focus Accuracy in a Lithography

System

Inventors: Our Ref:

Nelson et al. 1857.0350000

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Executed Certificate Under 37 C.F.R. 3.73(b), along with a Supplemental Sheet;
- 2. Executed Power of Attorney to Prosecute Applications Before the USPTO; and
- 3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents December 3, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Witeth K. Holahl

Michelle K. Holoubek Agent for Applicants Registration No. 54,179

MKH/jmh



PTO/SB/80 (12-03)
Approved for use through 11/30/2005. OMB 0861-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby	appoint:				
	· · ·	28393			
OR .					
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):					
	Name		Registration N	nwpet	
<b>!</b>		····			
I					
l				· · · · · · · · · · · · · · · · · · ·	
l ⊢					
<b>I</b>					
<del> -</del>					
-					
	u(s) or agent(s) to represent the undersigned before th	ne Linited States Patent and	Trademark Offic	ce (USPTO) in connection with	
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).					
Assignee Name and Address:					
ASML Holding N.V.  De Run 6501  NL - 5504 DR Veldhoven  The Netherlands					
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/98 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.					
SIGNATURE of Assignee of Record  The individual whose signature and title is supplied below is authorized to act on behalf of the assignee					
Name	Antonius Joseph Marie van Hoef, Esq.	11/1/1/			
Signature			Date		
Title	//-///	IFF -	Telephone	18 October 2004	
	Vice President and Chief Intellectual Property C	Zounsel /		+ 31 40 2684911	
This collection of information is required by 37 CFR 1.31 and/1.53. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. D NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.					

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)	1857.0350000				
Applicant/Patent Owner: Nelson et al.					
Application No./Patent No.: 09/841,187 Filed/Issue Date:	April 25, 2001				
Entitled: Method And System For Improving Focus Accuracy In A Lithog	raphy System				
ASML Holding N.V. , a Corporation (Type of Assignee, e.g., corporation, par	tnership, university, government agency, etc.)				
states that it is: 1. $\boxed{\underline{X}}$ the assignee of the entire right, title, and interest; or					
2. an assignee of less than the entire right, title and interest.  The extent (by percentage) of its ownership interest is %					
in the patent application/patent identified above by virtue of either:					
A assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.					
OR  B. X A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:					
1. From: ASML US, Inc. To: ASMI The document was recorded in the United States Patent and Trademark Of	Holding N.V.				
Reel 015292, Frame 0184, or for which a copy thereof is attached.					
2. From: ASML US, LLC To: AS	ML US, Inc.				
The document was recorded in the United States Patent and Trademark Off Reel $\underline{015292}$ , Frame $\underline{0168}$ , or for which a copy the	fice at ereof is attached.				
3. From: ASML US, Inc. To: ASI	ML US, LLC				
The document was recorded in the United States Patent and Trademark Of Reel $\underbrace{015292}$ , Frame $\underbrace{0177}$ , or for which a copy the	fice at nereof is attached.				
X Additional documents in the chain of title are listed on a supplemental sheet.					
Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) m  Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in MPEP 302.08]					
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignment (whose title is supplied below).	gnee. 12/1/04				
Signature Donald I Footborstone	Date 202-772-8629				
Donald J. Featherstone  Printed or Typed Name	Telephone Number				
Attorney of Record					
Title					

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicant/P	Patent Owner: Nelson et al.
Application	n No./Patent No.: <u>09/841,187</u> Filed/Issue Date: <u>April 25, 2001</u> Attorney Docket No. <u>1857.0350000</u>
Entitled: M	lethod and System for Improving Focus Accuracy in a Lithography System ,
ASML Hol	
(Na	(Type of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency,etc.)
states that it	t is:
1. [X] the	e assignee of the entire right, title, and interest, or
2. [] an	assignee of an undivided part interest
in the paten	nt application/patent identified above by virtue of either:
	chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as own below:
	From: Michael L. Nelson, Justin L. Kreuzer, Peter L. Filosi and Christopher J. Mason  To: ASML US, Inc.  The document was recorded in the Patent and Trademark Office at